AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-141

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:
ans-editor@amsat.org

********** AMSAT 2006 Space Symposium **********

The AMSAT web team has posted informational pages on the AMSAT web site. You can find the announcement with many links at:
http://www.amsat-org/amsat-new/symposium

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SB SAT @ AMSAT $ANS-141.01
AMSAT Shows Our Stuff at Dayton

AMSAT News Service Bulletin 141.01
From AMSAT HQ SILVER SPRING, MD.
May 21, 2006
To All RADIO AMATEURS
BID: $ANS-141.01

This weekend's annual Dayton Hamvention, May 19-21, gave AMSAT volunteers an opportunity to showcase the exciting future of Amateur Radio in Space.

Saturday morning's AMSAT forum presented news of present and future projects including:

+ Phase 3-E Satellite Design and Development
+ Eagle Project Overview and Status
+ Software Defined Transponder, Internal Housekeeping Unit, Energy Storage Experiments, and Structure Analysis
+ ARISS & SuitSat: Current Status & Future Opportunities
+ Introduction to AO-51 Operation with a Command Station Update

Dr. H. Paul Shuch, N6TX, Director of Education, hosted "Shared Experiences of Using Satellites in the Classroom" at the AMSAT Educator's Forum on Saturday.

Live satellite operating demonstrations were conducted by Drew,

KO4MA; Keith W5IU and other volunteers on Friday, Saturday and
Sunday.  Contacts on both the FM and SSB satellites were demonstrated.

AMSAT demonstrated operation through the future Eagle and P3E SDX
(Software Defined Transponder).  Bob McGwier, N4HY, Tom Clark, K3IO
and Howard Long, G5LVB had an SDX operating with live displays of
signals in the 50 kHz pass band.

Thanks to all who helped and to all who visited the AMSAT booth!

[ANS thanks Gould, WA4SXM, AMSAT Director Field Operations for the
 above information.]

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SB SAT @ AMSAT $ANS-141.02
Plan for AO-51 Kid's Day on June 17

AMSAT News Service Bulletin 141.02
From AMSAT HQ SILVER SPRING, MD.
May 21, 2006
To All RADIO AMATEURS
BID: $ANS-141.02

Mike, KE4AZN, Amsat VP-Operations, and Echo Command Station says
AMSAT-NA, the AO-51 Command Team, and the AO-51 Operations Team will
sponsor Kid's Day on AO-51 on June 17, 2006.

The event is open to all kids, worldwide. We ask all amateur radio
stations to give this short time window to promote satellite operations
with kids, by actually showing a kid how to make contacts via AO-51,
providing a station to contact, or stepping aside to allow others to
make contacts with the kids.

During the event, please limit contacts to stations that are operating
with kids at the microphone. This should allow the kids to have a nice
QSO and pass some information. Kids can tell their name, age, who is
helping them operate on AO-51, where they live, and other information
about themselves.

AO-51 will be configured in the following mode during the event.
Please note we will use the normal AO-51 uplink frequency for the
event with the PL tone will be turned ON.

Uplink:   145.920 mhz FM voice 67 Hz PL Tone
Downlink: 435.300 mhz FM voice

The digital transponder on 435.150 will be turned off during the event.

See http://www.arrl.org/FandES/ead/kd-rules.html on the ARRL website for
more Kids Day information.

[ANS thanks Mike, KE4AZN, Echo Command Station for the above information]

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SB SAT @ AMSAT $ANS-141.03
AO-51 June Schedule

AMSAT News Service Bulletin 141.03
From AMSAT HQ SILVER SPRING, MD.
May 21, 2006

To All RADIO AMATEURS
BID: $ANS-141.03

June 5  FM Repeater ON
        PBBS & Telemetry ON

June 12  FM Repeater High Power ON
         PBBS OFF

June 17  Kid's Day Special Event. Please observe the Kid's Day
         Requirements allowing contacts with Kid's Only.

June 19  Field Day Configuration
         FM Repeater ON  - Uplink   145.920 mHz FM with 67 hz Tone
                           Downlink 435.300 mHz FM

         QRP Repeater ON - Uplink   145.880 mHz FM, QRP Power Limits
                           Downlink 435.150 mHz FM

June 26  FM Repeater ON
         PBBS & Telemetry ON

| FM Repeater Freqencies: | PBBS Digital Frequencies: |
|---|---|
| Uplink 145.920 mHz FM 67 hz Tone | Uplink 145.860 mHz FM 9k6 Digital |
| Downlink 435.300 mHz FM | Downlink 435.150 mHz FM 9k6 Digital |

The current operating mode, including active frequencies for AO-51, can
be viewed on-line on the front page at http://www.amsat.org

[ANS thanks Mike, KE4AZN, Echo Command Station for the above information]

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SB SAT @ AMSAT $ANS-141.04
Colloquium and Symposium Opportunities

AMSAT News Service Bulletin 141.04
From AMSAT HQ SILVER SPRING, MD.
May 21, 2006
To All RADIO AMATEURS
BID: $ANS-141.04

AMSAT-UK has issued a call for papers and speakers for the 21st
Amsat-UK Colloquium which will be held at Surrey University, Guildford,
Surrey, U.K., from Friday 28 July to Sunday 30 July  2005.

Requests for more information as well as submissions should be sent to
David Johnson, G4DPZ, via g4dpz@amsat.org.  Also see:
http://www.uk.amsat.org/Colloquium/default.php

AMSAT-NA invites speakers to submit and present papers dealing with the
science of Amateur Radio Satellites and associated technologies for the
AMSAT 2006 Space Symposium.  The Symposium will be held 5 October to 11
October at the Crowne Plaza Hotel in Foster City, California, approximately
10km south of San Francisco International Airport.

Since the 2005 Symposium was cancelled due to hurricane damage caused by
hurricanes Katrina and Rita, speakers originally scheduled for the 2005
Symposium are invited to re-submit papers for the 2006 Symposium.

For more information please refer to:
http://www.amsat.org/amsat-new/symposium/2006CallForPapers.php

[ANS thanks the Colloquium and Symposium Committees for the above information]

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SB SAT @ AMSAT $ANS-141.05
Latest Version of PREDICT Software Available

AMSAT News Service Bulletin 141.05
From AMSAT HQ SILVER SPRING, MD.
May 21, 2006
To All RADIO AMATEURS
BID: $ANS-141.05

John, KD2BD, author of PREDICT, an Open Source satellite tracking and orbital prediction program for the Linux/Unix operating system, says the latest versionhas been released and is currently available through the AMSAT-NA ftp/web site at:
ftp://ftp.amsat.org/amsat/software/Linux/predict-2.2.3.tar.gz
and: http://www.amsat.org/amsat-new/tools/software.php

Further information on PREDICT software is available at:
http://www.qsl.net/kd2bd/predict.html

[ANS thanks John, KD2BD for the above information]

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SB SAT @ AMSAT $ANS-141.06
Reminder: AMSAT-NA Board of Directors Nomination Deadline

AMSAT News Service Bulletin 141.06
From AMSAT HQ SILVER SPRING, MD.
May 21, 2006
To All RADIO AMATEURS
BID: $ANS-141.06

It is time to submit nominations for the upcoming open seats on the AMSAT-NA Board of Directors. A nomination requires either one Member Society or five current individual members to noninate an AMSAT member for the position. A director serves for a period of two years. Three directors' terms expire this year: Tom Clark, K3IO, Lou McFadin, W5DID, and Paul Shuch, N6TX. Written nominations must be received at the AMSAT office no later than 12 June 2006.

Nominations MUST be in writing and mailed to:
AMSAT
850 Sligo Ave #600
Silver Spring, MD 20901

[ANS thanks the AMSAT Journal for the above information]

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SB SAT @ AMSAT $ANS-141.07
ARISS Status May 15, 2006

AMSAT News Service Bulletin 141.07
From AMSAT HQ SILVER SPRING, MD.
May 21, 2006

To All RADIO AMATEURS
BID: $ANS-141.07

1. Yoneda-nishi Elementary School Contact Successful
On Thursday, May 11, students from Yoneda-nishi Elementary School in Takasago, Hyogo prefecture, Japan spoke with astronaut Jeff Williams, KD5TVQ. Thirteen students were able to ask 19 questions before the ISS went over the horizon. Over two hundred students and parents witnessed the event. The Earth to space contact was covered by one television station and a newspaper.

2. Upcoming School Contact
Virgilio Primary School in Mestre, Venice, Italy is planning to have a contact on Monday, May 22 at 13:28 UTC. This event will be integrated into the school's geography and science curriculum, using poster drawing and letter writing in the lesson plans. Media invited to cover the event includes RAI national television, TG3 Regional, Televenezia and the Gazzettino and La Nuova Venezia newspapers.

3. ARISS Annual Report 2005 on AMSAT Website
The ARISS Annual Report 2005 is now available on the AMSAT website.
See: http://www.amsat.org/amsat/ariss/Papers/Annual%20Reports/

4. ARRL Article Covers Space Day Event
On May 9, ARRL ran a web story on Udvar-Hazy's Space Day activities.
"AMSAT and ARISS staff museum Space Day 2006 exhibit" may be found at:
http://www.arrl.org/

5. Student Ham Meets Astronauts
Pearl Mahar, KD7TAS, of Peoria, Arizona, was given the opportunity to meet astronauts Andrew Thomas, KD5CHF, Charles Camarda, KC5ZSY, and James Kelly, KC5ZSW at the area's Challenger Center. She was part of a team of five students who designed a space station in the Honeywell Fiesta Bowl Aerospace Challenge.

[ANS thanks Carol, KB3LKI for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

73,
This week's ANS Editor,
JoAnne Maenpaa, K9JKM